

"Many a wife who can spot a blond hair on her husband's coat—at ten feet—can't see to drive through the garage doors".



Rip Van Winkle was the only man who became famous while asleep—and Paul Revere got away with the story that he spent the night with a horse."

Vol. XII, No. 6

PUBLISHED MONTHLY BY EMPLOYEES OF DETROIT TRANSMISSION DIVISION OF GENERAL MOTORS

September 1954

COLVIN AND TRACHY WIN \$2,500 SUGGESTION AWARD

CAR TIPS

Items like soap, chewing gum and cigarette tinfoil may sound like rather useless oddities to depend on when stuck on the road with a blown fuse, a leaky gas tank or a fuel line leak.

But it really isn't so. Such things can actually help you home safely, without further mishap, even if you've got quite a distance to go.

A leaky gas tank, for example, responds readily to chewing gum, if it's been masticated to the proper putty-like consistency and applied to a surface that's been carefully dried.

A fuel line leak can be plugged for quite a while with soap, if it's been soaked to a soft clay-like mass, and wadded very thoroughly into the split line.

You'll find tinfoil very handy when a fuse decides to blow, and you are stuck without a spare: Wrap the defunct item carefully with the silver paper, then press it neatly back into the clips. It's important to remember that such repairs, although useful, are temporary measures: They'll get you out of trouble, but won't keep you there much longer than it takes to get from where you are to the nearest service station.

It also may be of help to remember, when in trouble that:

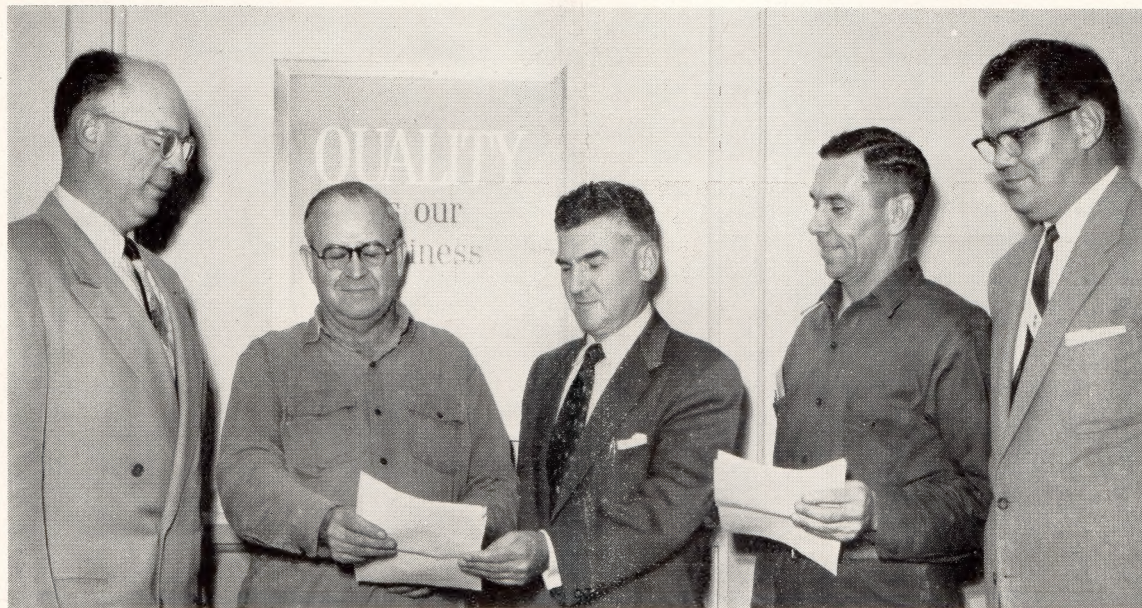
The inside of a removed hub cap makes a good "bucket" for carrying water to the car, in the absence of a more suitable receptacle.

Any old brick, if it is dry, will provide sufficient light at night for changing a flat tire. That is, if you'll saturate it with gasoline drawn from the tank, and make sure that it has absorbed enough before igniting the whole thing with a match. The light will also act as a flare for signalling approaching motorists.

Even if Ye Old Faithful isn't as pretty as you wish she were, there are lots of things that you can do that will improve her appearance tremendously. The cost is slight. The work is simple. But results can make her look years younger.

If she has dented hub caps, for example, you can repair them with a bucket full of sand. Fill it to the top, then place each battered cap on the surface, shiny side down.

(Please turn to Page 5)



E. A. KAEGI, center, General Manager, congratulates RAY COLVIN and JOSEPH TRACHY, left and right of him respectively, on their \$2,500.00 joint award. Walter B. Herndon, Works Manager and Wayne Sutton, Ass't Plant Engineer, were on hand for the happy presentation.

Your Suggestion Program

The Suggestion Program at this Division has just finished third quarter operations, and from all indications Detroit Transmission Division employees will set a new high in suggestions submitted.

They also will have received awards, 384 of them, totaling over \$44,000.00. Of this amount paid for ideas adopted, 4 have been for \$2,500.00 each and 10 have been for over \$1,000.00 each.

Therefore, your opportunity for winning an award is one out of four submitted; based on our records as shown above, this award average is \$112.92. An average of one of every 38 suggestions is for over \$1,000.00, and one of every 96 is for \$2,500.00, the top amount.

72 TWIN HYDRA-MATICS ORDERED

The purchase by Cooper-Jarrett, Inc. of Chicago, of 72 GMC highway tractors equipped with the famed Twin Hydra-Matic transmission, has been announced by Richard C. Woodhouse, general truck sales manager.

The first five highway tractors of the huge new Hydra-Matic fleet have just been delivered to the company, which hauls general merchandise on routes between Chicago and New York.

Cooper-Jarrett is the first large trucking concern to place the new GMC units, cab-over-engine models with 4-cylinder GM Diesel engines, into service on a major scale. It is the first time a fleet of heavy-duty tractors equipped with an automatic transmission ever has been used on American highways.

"We are justifiably proud to have a top-ranking truck operator like Cooper-Jarrett be the first to recognize what the new GMC Twin Hydra-Matic will mean for driving safety and operating economy," Woodhouse said. "The decrease of driver fatigue and the saving of time through the faster automatic shifting will mean a more efficient shipment of goods over the highway."

Guy D. Cooper, executive vice president of Cooper-Jarrett, said that in his opinion, trucks with automatic transmissions would soon make obsolete any truck with regular transmissions.

"With the faster shifting going away from stop lights and up hills, we figure we can cut three hours off our Chicago to New York schedules," Cooper said. While we will remain within the same top legal speeds adhered to in the past, our average speed will be higher because of the time saved with the automatic shift."

As an example of how much gear-shifting a truck driver has to do, it was found that on one 300-mile stretch of highway a driver was compelled to execute 600 shift sequences averaging as many as 8 to 13 individual shifts per sequence.

—FACTORY NEWS

FIRE EXTINGUISHER DEMONSTRATION

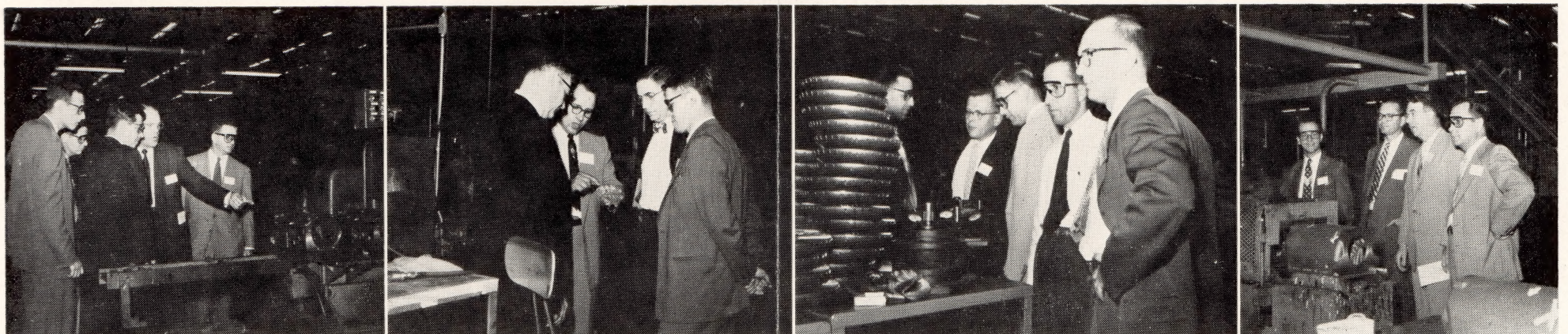


Cap't. Joe Supak, Plant Protection, demonstrates use of various types of first aid fire extinguishers used in plant to group of supervisors.

Where GM's Half-Year Income Went

51 1/4 %	\$2,616,000,000	—was paid to suppliers.
27 1/4 %	1,398,000,000	—went to employees for payrolls, etc.
11 1/4 %	568,000,000	—went for Federal, state and local taxes
2 %	104,000,000	—was set aside for depreciation.
3 1/2 %	181,000,000	—was distributed to GM shareholders
4 3/4 %	244,000,000	—was retained in the business.
100 %	\$5,111,000,000	

SLOAN FELLOWS FROM THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY ON PLANT TOUR SEPT. 2



The group of Sloan Fellows from the Massachusetts Institute of Technology's School of Industrial Management were conducted on a plant tour during the morning by Charles F. Brundle, Manufacturing Manager, Rueben R. Jensen, Master Mechanic, Edwin D. Ditto, Sup't of Process Engineering and Phillip E. Cartwright, Director of Standards, Methods, Plant layout, Procedures and Suggestions. Following luncheon they met with the Executive Staff of our division and later members of the Master Mechanics, Process, Engineering and Personnel Departments of discussions regarding their activities. Following is a list of those visiting our division: James W. Bateman, Houston, Texas; Rafael Fabregas, Jr., San Juan, Puerto Rico; William R. Feichtinger, Washington, D.C.; Leonard W. Golden, East Pittsburgh, Pa.; C. Franklin Logan, Marion, Illinois; Pedros S. Mejorada, Monterrey, Mexico; Donovan F. Miller, Vancouver, B.C.; George V. Mohn, Camden, N. J.; Ray A. Pittman, Dearborn, Michigan; Harrison T. Price, Detroit, Michigan; C. Maston Thomas, Philadelphia, Pa.; Peter Wallach, Bristol, Conn.; Dixon E. Wansbury, New York City and Edward J. Ward, Dayton, Ohio.



PUBLISHED MONTHLY BY AND FOR THE EMPLOYES OF
DETROIT TRANSMISSION DIVISION

HOWARD J. HARVEY, Editor



Awarded the Freedom Foundation's George Washington Honor Medal for 1952—"for outstanding achievement in bringing about a better understanding of the American way of life."

Joseph T. Woolfenden, Artist. Edward Jedinak, Cartoonist

Vol. XII September, 1954 No. 6

THEY CAN'T VOTE . . . THANK GOD YOU CAN!

The United States Junior Chamber of Commerce through their branches in Detroit and Ypsilanti in this area is sponsoring a bipartisan program to "Get Out The Vote" through increased grass-roots participation in civic and political affairs, thereby improving the quality of government at all levels. The following excerpts from their folder cites the problem and tells what can be done about it.

MICHIGAN'S VOTING PROBLEM

The caliber of your government on every level is determined by the number of informed voters who go to the polls. In spite of this common sense fact, there's room for plenty of improvement in the record hung up by Michigan's voters.

In Michigan's last gubernatorial election, less an 66% of the eligible voters of the state cast their ballots. As a result, Michigan placed 31st among the 48 states.

HERE'S WHAT YOU CAN DO ABOUT IT

Enter wholeheartedly in this coordinated GET OUT THE VOTE campaign. The program is one which will carefully train volunteer workers to stimulate the minds of citizens to realize the vital importance of their votes and to shoulder the responsibility of freedom which they fought to attain and keep, but which they may lose by forfeit.

The need for a controlled GET OUT THE VOTE campaign is vital. Any such program which does not have the required leadership, and which does not tie back to the existing party organizations is aimless, and results only in frustration and duplication of effort.

Both political parties have indicated their need for help in the November election in the Detroit area.

Government is not the isolated business of professional politicians. It is the business of each and every American voter.

Volunteer your services now . . . work for the party of your choice. Detailed instructions and materials will be furnished by your party.

WE CAN LOSE OUR RIGHTS BY FORFEIT

The political party system is an essential part of our republic. It is on this base that your government stands or falls. It is through this agency that your wants and desires are made known and given effect. Inevitably where a minority rules, this is not the case. Every thinking American who sees a newspaper or hears a newscast knows what is happening in many parts of the world.

Entire countries have been taken over in gangster fashion by a small group of ruthless, power-hungry men. As of today, almost a third of the world's area is in the grip of the Soviet rulers. Millions of people exist—not live—in a despicable situation of complete helplessness.

Should they dare complain, the prison camp or gallows is the result. Such a condition does not exist in America. But it can!

Now, more than ever before, it is of the utmost importance that the American voter exercise his franchise.

Join this GET OUT THE VOTE campaign. Work for freedom and continue that form of government which is answerable to the people of the nation.

NEIGHBORHOOD WORKERS ARE NEEDED

In 1952, hundreds of voters volunteered to work in their neighborhoods prior to that year's election.

This bipartisan plan to encourage active, grass-roots participation in the GET OUT THE VOTE effort, can do much to make the party of your choice achieve the victory it seeks. If you work for your party, you will have the satisfaction of knowing that you did your part. You will be a good citizen of the highest sort.

What will you do as a neighborhood worker? You will be asked to handle one or more of the following assignments.

1. Encourage your neighbors to register so they will be eligible to vote. See that all new voters in your neighborhood are also registered.
2. Act as a party challenger to insure that the election officials follow the law and that voters are properly qualified.
3. Arrange with several friends to assist you in helping other voters get to the polls election day. Many votes have been lost because the elector did not have transportation or was unable to reach the polling place for some other reason.

Your exact assignment will be worked out with the area leader of your party well in advance of election day.

AID THE PARTY OF YOUR CHOICE

Your political party will welcome you into the ranks. You will quickly learn a great deal about its internal affairs and its practical problems. Friends and neighbors will come to you for advice and information on many political matters.

SOME THINGS YOU WILL NEED TO KNOW

Under the Michigan Statutes no person may vote in this state who has not first registered in the election precinct in which he or she resides.

To qualify as an elector, each person must be a citizen of the United States, 21 years of age or more, a resident of Michigan a minimum of 6 months, and of his city or township for at least 30 days.

If the elector has voted regularly or has voted since 1952 and not had a change of residence, he may be assured of his continuing qualifications as an elector. Names of electors who fail to vote for a period of two or more years are removed from the qualified group. Therefore, if he has not voted since 1951, and has not notified his election board of his present address and desires to be continued as an elector, he will have to re-register for the coming election.

TRANSFERS

Voters who move from one community to another must register at their new election board in the same manner and by the same time as other persons desiring to be qualified to vote.

Voters who are properly registered may transfer their registration from one Detroit address to another on election day by making application at the voting place where they were last registered.

Transfer requests will be completed and ballots will be issued to the voter at his original polling place for this election only.

This privilege of transferring registration on election day refers only to transfers of residence within the city of Detroit.

IT'S UP TO YOU

Every Michigan voter has an opportunity—and a responsibility—to participate in electing officials of National, State, County, and City or Township government. But many citizens completely ignore this fact and it must be brought to their attention. The Detroit Junior Board of Commerce asks you for your cooperation in this GET OUT THE VOTE campaign.

THE OTHER FELLOW'S JOB



Painting one of our water tanks. A fly-eye's view.



It Happened in October

Oct. 8-9, 1871—Fire destroyed most of Chicago; Mrs. O'Leary's cow blamed.

Oct. 12, 1492—Christopher Columbus discovered America.

Oct. 13, 1792—Cornerstone of the White House laid.

Oct. 14, 1890—Dwight David Eisenhower, President of the United States, born in Denison, Texas.

Oct. 28, 1886—Statute of Liberty, gift of French people, dedicated in New York Harbor.

Oct. 3-9 is both Fire Prevention Week and Employ the Physically Handicapped Week; Oct. 18-24 is National Bible Week; Oct. 24-30 is Cleaner Air Week.

Authority on birds, who watches 'em, reports that a robin can eat 14 feet of worms, that the titmouse loves piecrust, and that a hummingbird has been clocked doing 60 mph.

Twenty-nine cents out of every dollar you pay for an automobile goes for taxes.

Woman worker in an Eastern electrical plant turns out mirrors so tiny that it takes six to cover the head of a pin; used in laboratory research. In her spare time she does fine sewing!

Rude Awakening
Since my I.Q.'s tested,
I know this:
Ignorance
Was truly bliss.

In a reportedly true story a politician was asked in the recent state elections what he thought about Formosa. "I'll take it by 3,000 votes" was his confident and unhesitating reply.

Moscow, still predicting a great depression in the free world, has one of history's worst right at home. Millions are hungry; there is breakdown in farming; industry is hurt. Communist management is in deep trouble everywhere behind the Iron Curtain. Paper plans, plant goals, farm quotas—they make good propaganda but they don't produce the goods. Instead, there is want and hunger, waste and unrest. Captive industries in the satellites—once among Europe's best—are falling apart under the Soviet system.

(U. S. NEWS)

A recent survey showed that over one-fifth of our population now owns between three and seven radios—in use in bedrooms, kitchens, living rooms, children's rooms.

Persons who wish to analyze factors bearing on future demand for housing, household appliances, utilities, magazines, and other items that are ordinarily used on a family basis generally find data on family units more valuable for their purposes than data on the total population.

If the medium series of projections prove most nearly accurate, the number of households will rise from 45.5 million in April 1952 to 47.7 million in July 1955 and to 50.8 million in July 1960.

The average size household in 1890 was 4.93 persons, but by 1940 it had dropped to 3.67 persons. The average size of household fell still further by 1950 to 3.39 persons. In 1960 the average size of household may not differ much from that for 1950.

(U. S. Dept. of Commerce)

Minnesota Mining and Manufacturing Company is carefully guarding a secret research project: the development of magnetic tape to record light-waves, which would mean movie and television signals may eventually be taped as radio programs are now.

(TIDE)

THINKIN' OUT LOUD

by Col. Harv

WHAT'S IN A NAME?

"A good name is rather to be chosen than great riches."

Whether the readers of Hydra-Matic are conscious of it or not—the Colonel has been directing his "Thinkin' out Loud" columns in their general direction for over two years. In order to get his "second wind" and also let the "thinkin' well" fill up again a little for the future—this is going to be a something distinctly different—just a listing of some of our employees' unusual surnames, as well as a combination of intriguing first and last names—so here goes and "let the chips fall where they will!"

"Good will is like a good name—it results from many acts and can be lost by just one."

PLACES 'ROUND THE GLOBE

Booth, Brooks, Banks, Barnes, Bridges, Brazil, Britain, Castle, Cornell, Church, Dungeon, Ditch, England, Fields, Fort, Gable, Gould, Groves, Holmes, Hall, Holland, House, Isles, Kitchen, Lane, Lake, Mills, Marsh, Moon, Maine, Montana, Parks, Rhoads, Richamdon, Rivers, Spires, Towne, Troy, Urban, Woods, and Washington.

"The only place in America where you don't have free speech is in a telephone booth."

PRODUCTS 'ROUND THE EARTH

Armor, Bannister, Bell, Ball, Buckshot, Bond, Beebe, Bibb, Cable, Card, Cam, Cannon, Case, Combs, Caster, Clay, Cork, Crank, Crown, Davenport, Doll, Drum, Emery, Flint, Gage, Glass, Hatchett, Holder, Hopper, Hook, Horne, Hull, Jewell, Key, Karr, Lance, Marker, Orr, Potts, Pillow, Penn, Plater, Pulley, Ring, Rockett, Shingles, Siren, Shield, Shell, Speare, Spike, Sink, Talley, Tapp, Valentine, Webb, and Wax.

"All products are sooner or later for the home."

OCCUPATIONS . . . JOBS PROFESSIONS . . . TITLES

Barber, Bishop, Butler, Baker, Bey-er, Butcher, Brewer, Cook, Carpenter, Checker, Dean, Earl, Doctor, Forester, Foreman, German, Hayman, Joiner, Justice, Knitter, Kop, Knight, King, Lawyer, Leatherman, Mason, Major, Moulder, Peer, Prince, Porter, Pilot, Painter, Purser, Sellers, Shepherd, Shaver, Sexton, Skipper, Shoemaker, Taylor, Tyler, Treanor, Weaver, and Weatherman.

"Then there was the baker who gave up making fried cakes because he was sick of the hole business."

ACTION AND ACTIVITIES OF FOLKS

Bowling, Bloom, Brood, Burrow, Bunch, Burns, Burne, Carey, Cain, Canning, Chopp, Coil, Carol, Call, Camp, Cloud, Center, Counsell, Curry, Click, Cryer, Dent, Dodge, Forget, Fleet, Freeze, Fry, Gore, Grant, Gamble, Gouge, Guess, Hack, Hitt, Hoot, Hope, Hunt, Hurd, Heyer, Jared, Kropp, Kut, Lance, Light, Linck, Love, Mann, Mark, March, Medler, Mix, Moon, Moan, Mount, Neal, Nest, Pare, Page, Peck, Peel, Peak, Pepper, Pierce, Ponder, Price, Putt, Riggs, Romps, Roll, Romer, Rowe, Sears, Sitts, Snow, Stocks, Starr, Stacks, Sand, Stone, Shears, Soper, Tarr, Tripp, Troupe, Tuch, Tyre, Wade, Wake, Ward, Winn, Winder, Welsh, Wheeling and Wynn.

"Some men's signatures are so undecipherable that they would save time signing their names with an X."

ANIMAL . . . FISH . . . FOWL INSECT

Bass, Bayer, Bear, Beaver, Baier, Bird, Buch, Bull, Buzzard, Byrd, Crane, Crain, Chubb, Dove, Drake, Duck, Fox, Fawn, Gazell, Hare, Her-ring, Jaeger, Lamb, Lyons, Maier, Mink, Parrott, Pickerell, Panther,

LARRY OFF FOR THE ARMY



Robert Perry, left, Supervisor of Central Stores, extends his best wishes to Larry Nolta, who left the department for the U. S. Army on August 26th.

Pike, Roach, Salmon, Seals, Stork, Sturgeon, Setter, Swan, Steed, Trotters, and Trout.

"When Noah told all the animals to go forth from the ark—and multiply—the two snakes stayed behind—they were adders."

CONDITIONS

Bright, Balding, Broad, Brawn, Close, Curley, Dull, Early, Fair, Flatt, Flood, Freed, Freer, Fury, Gale, Gay, Gaines, Gala, Gaunt, Grace, Hale, Hardy, Hayes, Hays, Happy, Haggard, Jolley, Kean, Light, Little, Lowe, Loud, Moody, Manley, Noble, Parr, Quick, Rains, Rich, Round, Ruff, Sauer, Stahl, Straight, Sweet, Short, Strong, Stout, Sharp, Shy, Small, Savage, Shallow, Thick, Wiley, Will-ing, Wise, Wonn, Weakley, Warming, Wiles, and Wright.

"You've got to expect some poor fruit on the family tree."

VEGETATION

Bush, Bushey, Bud, Birch, Cedar-leaf, Crabtree, Greenleaf, Kane, Maple, Moss, Oaks, Posey, Reed, Rose, and Thorne.

"A rose by any other name would confuse a lot of horticulturists."

FOOD AND DRINKS

Apple, Berry, Bean, Cherry, Cham-paign, Figg, Fudge, Honey, Lemon, Mustard, Peach, Rice, and Rasbury.

"Drink a glass of milk every day for 1200 months and you will live to be 100 years old."

COLORS

Brown, Black, Golden, Grey, Green, Pink, and White.

DIRECTIONS . . . DISTANCE . . . MEASURE

Billions, East, Miles, Myles, South and West.

TIME

April, Day, Dailey, Holiday, May, Naours, Sommers, Weeks, and Winter.

"Some family trees are the nut bearing variety."

SPARE PARTS

Armes, Body, Beard, Back, Cheek, Hart, Head, Lung, and Sole.

"Then there was the crosseyed professor who couldn't do anything with his pupils."

MISCELLANEOUS

Boone, Best, Battles, Bowers, Brothers, Butts, Chambers, Cobbs, Carroll, Champion, Coates, Crews, Craft, Challenger, Drew, Downs, Dell, Gould, Gill, Ladd, Pitts, Revoir, Rayes, Romar, Union, Watts and Wicks.

"And the fellow who stopped looking up his family tree when he found out that he was the sap."

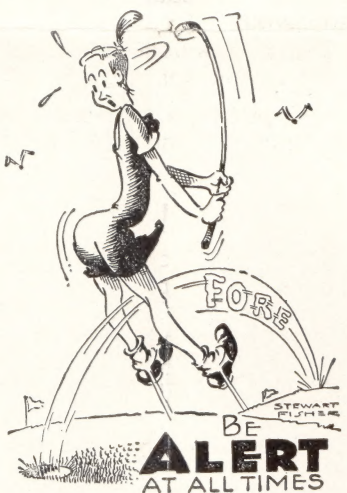
INTRIGUING NAME COMBINATIONS

Moody De Roach, Farmer Eversole, George Washington, Toy Wood, Haggard Bowers, Pink King, Lemon Shavers, Phillip Morris, Nick Happy, Lottie Burns, Denver Hunt, Burbin Dixon, and Carmen Jones.

"No matter who your grandfather was . . . you have to do your own growing."

DTD GIRLS' GOLF OUTING

The General Motors Girls' Club Outing was held Sunday, September 12 at the Glen Oaks Country Club. Twenty-two girls attended from our division and the following foursomes played: Barbara Ellis, Julia Stack, Hilda Trendle, and Marilyn Karnatz; Jean Sitko, Pat Whalen, Delores Stanczewski, and Ruth Porter; Esther Stottle, Chris Romps, Irene Shuster, and Ethel Hoschke; Virginia Golvach, Shirley Campeau, Jenny Saetermoe, and Mary English. Card games were featured on the beautiful club house patio. Those playing included Mary Tomoff, Kay Morris, Margaret VanNess, Elenor Gorczyea, Gerry DeLoge and Jenny Martin. There were prizes for every one including special door, golf and table prizes. A buffet dinner was served at 4:30 P.M.



Eye No. 16

Garland Carter (507-4 62) showing foreman B. Bejma how his safety glasses were hit.

Employee's Story:

"I was removing a bob off the spindle. It was a little tight, so I decided to use a bronze hammer to knock it off. I hit the side of the bob face several times, and then the hammer accidentally hit the bob tooth and a piece of the tooth flew up and hit my lens. I was surprised to feel my safety glasses get hit. No doubt about it—the glass saved my eye from serious injury."

* * *

Eye No. 17

Foreman J. Jagodzinski and Basil Quick (508-852).

Employee's Story:

"I was putting a bob cutter on the spindle of station No. 8 on a Rotary Hob. As I was tapping it on with a brass hammer, one tooth of the cutter broke off striking the right lens of my prescription ground safety glasses."

SAFETY

Everybody's Business At Our Division

Max Zimmerman—Safety Director

OUR PARKING LOT

We don't know who's the worst menace on a parking lot, the cowboy driver or the absent-minded pedestrian. We do know that the combination is a deadly one.

Let's take this parking lot business step by step, just as if we were doing a job breakdown on the plant, and let's see if we can figure the safety angles.

First of all, you have to turn in off the main road, and that means you should give the proper hand signals, slow down, and be sure you can turn in without hitting someone on foot at the gate or a car ahead or behind you on the road.

Once in the lot, keep in the right lane and observe the speed limit. (15 mi. per hr.) That limit has to be very low because there are lots of turning cars and pedestrians in the lot, and you may have to stop anytime. If it's winter, and there's snow and ice, you need to be especially careful.

Park properly, so you don't block a lane or crowd cars out of two parking spots. Don't open the car door to get out until you've looked both ways to make sure that another car isn't coming alongside just in time to hit you.

Walk on a pedestrian walk, when possible, and keep very alert at all crossings of vehicle lanes. If you have to walk in a parking lot roadway, walk to the left, facing the oncoming traffic. If it's dark, extra precautions are necessary. Wear something white, even a handkerchief tied on your arm, so motorists will see you.

At the end of the shift, follow the same precautions while walking to your car.

Before you back or swing out into the traffic lane, look both ways to make sure the road is clear of both cars and pedestrians. Start up slow. If it's dark, or even starting to get dark, turn your lights on the low beam before you move the car.

When you come to the main aisle, make a full stop before you pull into it. Signal which way you are going to turn, so the man behind you knows what to expect.

That's not a very hard set of rules to follow, and it isn't a bunch of rules made up to make life tough for you. It's the rules that safety organizations and police departments and plant managements all over the country have learned will make their parking lots safer.

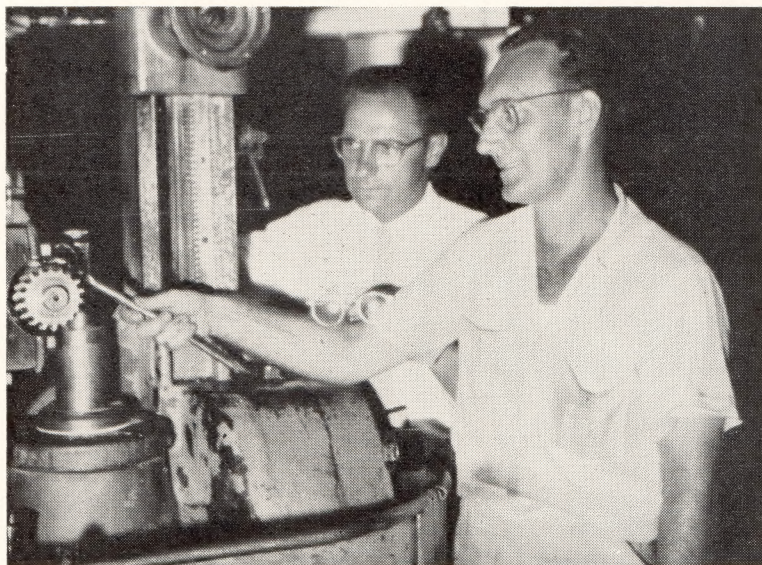
Remember this about a parking lot—it is a place where pedestrian and auto traffic are all over the place. It's a place where cars are starting up and stopping, where people are getting into and out of cars. It's a place where there's a lot of backing and turning and people coming out between cars.

Finally, it's a place where a lot of people are thinking more about getting to work or getting home than they are about what's happening around them. There's always the temptation to hurry rather than to look.

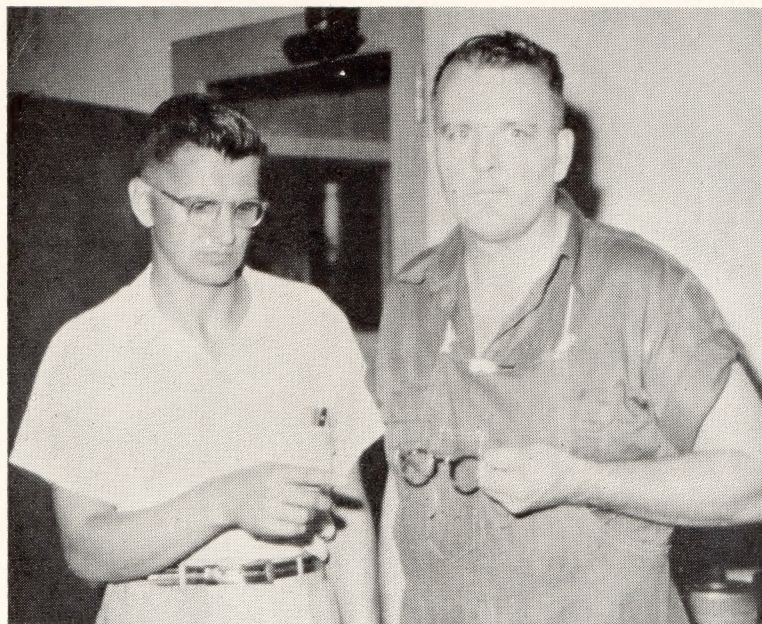
So give it your best—your care, attention, alertness. And remember that, though any time is danger time in a busy parking lot, the most dangerous of all, especially for pedestrians, is the time when there's a little light but not enough for easy seeing.

So take it easy always, but take it extra easy right after sundown!
REMEMBER: THE LIFE YOU SAVE MAY BE YOUR OWN.

EYE No. 16 SAVED AT WILLOW RUN



EYE No. 17 SAVED AT WILLOW RUN



**"ENGIN'EARING"
from Engineering**

PAULINE GILLIN—Reporter

May it never be said that the folks in the Engineering Department are heartless or unkind, because a few weeks ago, Evelyn Rando, on one of her daily trips to the other building, came across two pretty little kittens in the parking lot. Not knowing what to do with them, she brought them back to the building. Everyone wanted the kittens, but the two lucky people who finally took the kittens home were Jack Savage and Frank Whitmyer. The kittens couldn't ask for better homes either.

Dolores Hallam has been sitting on pins and needles ever since August 30, when her husband started for home from Korea. As soon as he arrives here, she will leave us to make her home in California. The girls had a little farewell dinner for her during lunch time, which she appreciated very much. So-long and good luck, Dolores, but please don't forget us.

Some of the people who told me about their vacations were: Irene Supak and Ted Milek, who spent their vacations in Quebec; Talcott Tyler went up to Tahquamenon Falls; Bob Kemp spent some of his time on Uncle Sam's yachts in Norfolk, Virginia, but went up to Boston on a weekend trip; Caroline (Marich) Theisen went to northern Michigan on her honeymoon; Jimmy Takacs stayed home; Carl Kop went to Canada; and yours truly went to northern Michigan.

Congratulations to Mike Berkey and Tom Zimmer, who graduated from G.M.I. We also welcome to the department Jerry Moon, Charlie Tripp, and Bob Annis who are now in their 5th year. We hope they'll like their stay in the Engineering Department. We would also like to welcome Fred Holt to the drafting room. He is a transfer from Plant Layout, and Don Mitchell who is a transfer from Accounting.

Bob Foster was transferred to Production Engineering not so long ago. We hope he likes it there.

CONGRATULATIONS to the following: Caroline Marich who married Lee Theisen on August 21, at St. Alphonsus Church in Dearborn, Michigan. We hope they always stay as happy as they are now, and we also wish them all the luck in the world; Mr. & Mrs. F. Cheek, who are the proud parents of a baby girl; Mr. & Mrs. Stan Mieczkowski, who also are the proud parents of a baby girl; Mr. & Mrs. E. Sarowski, who are the proud parents of a baby girl; Mr. & Mrs. Jack Hamilton, who are the proud parents of a baby boy; Ralph Swan and Vic Moore, who just purchased new homes; and Irene Shuster and Verna Purcilla, who both have purchased new cars.

Verna Purcilla would like to thank the Girls' Club for the cards sent her while she was on a sick leave.

Bill Gmeiner and his crew, Earl Cusac, Pete Week, and Jerry Moon, sailed the last, very successful race of the season on Sunday, September 5. They won the season's standing at the Grosse Ile Yacht Club and also took the title away from the previous winner, for the first time in six years. C-Deodar is the name of Bill's yacht.



LETTER FROM ABROAD

Rüsselsheim, July 18, 1954

Dear Mr. Harvey!

Since I left U.S.A. to return to Germany, I have been receiving the copies of the "Hydra-Matic", for which I would like to thank you. I always like to read the paper and see the pictures of many fellows I had worked with. A big surprise for my wife and me was the March Edition, where you brought our wedding picture. Thank you and congratulations to the nice job you have done.

In a few days I will send you a copy of our plant paper, the "OPEL POST". It might be interesting for you to look at page 5, where you will find a picture of the big DTD fire. Also quite interesting the report about our Proving Ground (page 12) and our new car, the Opel Kapitän 54.

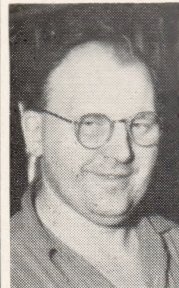
My best wishes and regards to you, Mr. Martens and everyone of the Engineering Department.

Sincerely,
Friedrich G. Heckert
Weinbergstrasse 40
Rüsselsheim/Main
Germany

**"Department Five Ten"
Controls Division**

ERNIE MOROFSKI—Reporter

Ursule Sosmowski (Miss Brooks) who planned to be back with us in September will not make it until October. Best of luck! See you soon "Suzi"! Rudy Baran was away for three weeks due to an operation on his arm. Hope he will be as good as ever. Frank Pakos and family took a holiday trip over Labor Day. He wanted to go above the Straits, his daughter wanted to go 750 miles into Canada. The September column will state who won. Walton (Brownie) Brown was called home due to an expected "blessed event". Details next issue.



The death of Mrs. L. L. Lindberg, mother of the famous Charles Lindberg brought back many memories to me, as she was my chemistry teacher at the Cass Technical High School. When she taught us chemical reactions she often said, "If you contemplate suicide to use this stuff—choose a way that no one has to mess with your remains". She was largely responsible for the development of some of the heat treating equipment that are a part of our electric furnaces.

Henry Thomas (Pete) is a proud \$15.00 suggestion award winner as is Wallace Saltysiak. Congratulations and keep them coming, boys! Flash! Mr. and Mrs. Walton Brown have a new daughter Karen Lynn, born September 1st, at 8:29 P.M. Weight 6 lbs. 1 oz. Length 18 inches. His mother, Elizabeth, must be proud. Bet she grows taller than her dad. What do you say Brownie?

(Please turn to Page 6)

MISCELLANY

Slip a length of garden hose over the wire handles of your clothes basket so handles won't cut your hands. Loosen one end of the wire from the basket with a pair of pliers, slip hose section on, re-attach handle.

Add a few drops of food coloring to wallpaper paste. Then you can easily see if the paper is completely covered with paste.

Make sugar syrup in a new tea-kettle when canning or freezing fruits. You can fill jars and cartons easily by pouring the syrup from the tea-kettle spout.

Make spool "feet" to raise the end of your folded ironing board off the floor and to keep it clean. Saw a large, empty thread spool in two and attach to end of board. Bore holes in end of top of a metal ironing board, and bolt spools through padding. Just nail them on a wooden board. Then make rubber caps so the spools won't mar your floor or skid on it. Cut the top from rubber tub stoppers and glue them onto the spools.

For traveling with Baby, make bibs by cutting disposable diapers in two. Cut lengths of twill tape for ties, and attach diaper piece to tape with safety pins.

Tack 1½-inch pieces of sponge-molded weather stripping to the top and bottom of the door jam. The door closes quietly against the soft, rubber sponge. Try this on a screen door which children use often.

Drive a stake into the ground, then place an angel food cake pan over it (the stake goes through the center hole). Fill the pan with water for pets—they can't tip it over.

Line up beads from a broken necklace in a groove of a piece of corrugated cardboard. Beads can't roll out of place as you re-string them.

Use a jar of baby food pudding for a quick, delicious filling for layer cakes.

Place your portable sewing machine on a piece of sponge rubber or a typewriter pad, to protect the table top, reduce vibration and keep the machine from slipping.

Fasten a shoe buffer or brush to the inside of your hall closet door with angle irons. As you leave the house, you can give your shoes a quick brush-off.

Tack a rubber stair tread on your child's outdoor swing seat board. Prevents splinters, and swing dries quickly after a rain.

Cut the cover from a sturdy egg carton, and put the carton in your "miscellaneous drawer." Use the compartments for rubber bands, buttons, thumb tacks and string.

Of the total number of awards made in the G.M. Suggestion Plan, 25% were for Safety Suggestions.

BIRTHDAY FOR ROSA ROBERTS

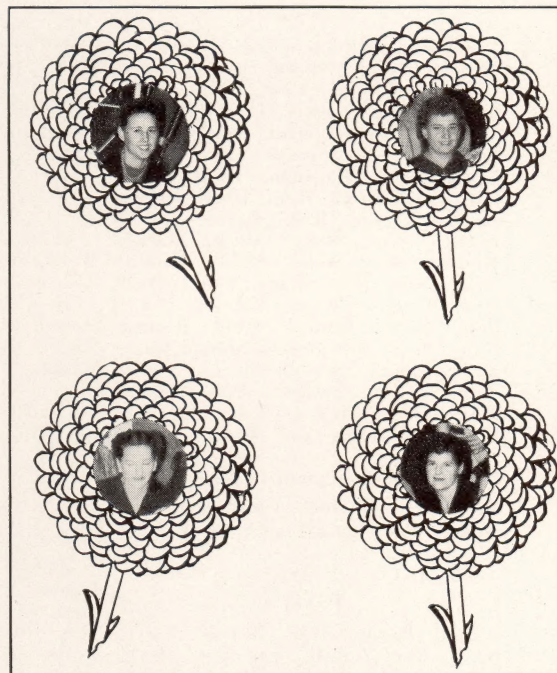


Seated—L to R: Sylvia Rillo, Irene Foncala, Ann Kondraki, Marg Baldc, Stella Kolesa, Sallie Charles, Marie Sparks, and Rosa Roberts. Standing: May Hawley and Audrey Medlock. All are from Depts. 522 and 524).

Our Hourly Cafeteria



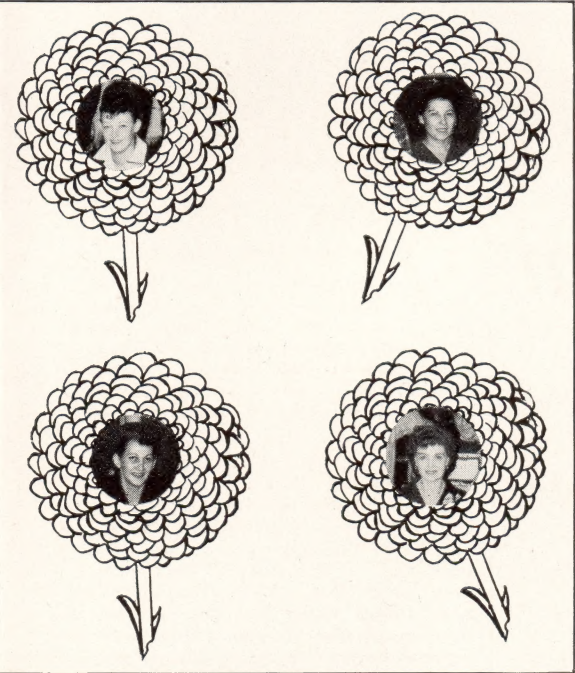
1. Ralph Benefield receiving fresh produce. Purchased three times weekly stockroom. Staple groceries purchased twice weekly. 3. Steve Kotleb, Chef. 4. William Benick, Second Cook. Shelby Wilson and Deazo Schonberger, putting up food to put on the lines. 5. Salad Department employees Marvel Blum and John Smirnoff, where the salads are prepared. 6. Office staff of Nationwide Food Service, Inc. and John Smirnoff, Manager. 7. The line going through. 8. & 9. Same cafeteria during noon time meal. 12. Dishwashing Department. Here we see dishes being washed and rinsed at 180° to insure sanitary dishes and to comply with the State Law.



ia "At Your Service"



to insure freshness. 2. Mr. John Smirnow, Manager, checking stock in the of day shift, making gravy. Large steam kettles used to make soup and stews. ability men, reading right to left. These employees are in the process of dish- ck, Doris Titus and Lucille Garton, left to right. This is the department nc. in the plant. M. C. Garland, Manager, Marjorie Moore, general cashier, acking cashier. 10. & 11. General view of feeding area in hourly rated cafe- anita Deese taking cups off the conveyor machine. Dishes are washed at 140° w.



OWER GARDEN—V

YOUR CAFETERIA

Some people live to eat, others eat to live:
The foregoing fact can be observed any day around the clock in the Balcony air conditioned Cafeteria. The staff of 70 white clad men and women begin their day at 5:30 in the morning and during the course of 24 hours three shifts of personnel have done their part in the operation which feeds on an average of 4,000 customers every 24 hours.
In the course of a day 1800 to 2000 slices of bread are consumed together with 40 dozen rolls and 60 dozen donuts made by our own pastry chef. In addition to this over 600 salads are prepared by a very competent salad department. Pies are purchased, usually over a hundred daily which amounts to 600 pieces.
Four Hundred pounds of coffee are used weekly in this Cafeteria which roughly means 18,000 cups of coffee.
For an average day with two meat entrees it requires on the average of 600 pounds of meat. Usually 100 gallons of soup are required for a day's business.
Merchandise turnover is closely watched so that no merchandise gets old. Meats are purchased every day to insure freshness. Produce is delivered three times a week, one reason the salads always look inviting.
Sanitation is a must in the operation of the Cafeteria. All cafeteria employees are required to have health cards and are given a medical examination before they start to work. Personal inspection by the plant physician and personnel departments are thorough and often. Ice boxes are kept at the prevailing temperature required for whatever is stored in them. There is always open house so to speak in the Cafeteria as the iceboxes, and dishwashing departments are always open to anyone wishing to inspect them and pay us a visit.
We try to do a good job and invite constructive criticism, which is our only way of correcting wrongs and in so doing will get a good job done better. To please everyone all of the time is nearly impossible, but our employees keep trying and this is appreciated by both management and the man on the machine, "Our Customer."

M. C. GARLAND, MGR.
Nationwide Food Services, Inc.

CAR TIPS

(Continued from Page 1)

Working from the exposed inner surface, tap with a rubber hammer, whenever there is an indentation that needs straightening out. Work lightly and rapidly, and check fairly often to make sure you're not creating fresh bumps of your own.
As far as the inside of the auto is concerned, door linings that are beginning to show their age, especially around the window and door handles, can be reconditioned smartly with cheap plastic plates. Select the proper size—and you can use anything from a coaster to a dinner dish, depending upon the degree of the deterioration of the fabric. Cut a hole in the plastic, center and set in place, after removing the handle. Then clamp the handle back. You'll be delighted at how attractive the result can look, especially if you pick the right shade to either match or contrast.
If the seat covers are made of fiber, tears and worn spots can be fixed with just plain glue. First, get a patch by cutting from a concealed portion, such as an inner seam. Use pinking shears if available. Slip a piece of cardboard underneath the cover, to protect the upholstery, then saturate the patch with sufficient model airplane cement. When it's tacky, place it neatly over the hole. Allow to dry for 48 hours.
If you've been telling yourself, "I'd do a lot more of my own car repairs if I could only get underneath it—comfortably," try an old door. Smooth one side with a covering of cheap, thin plywood. Next attach a large-sized furniture castor to each corner of the reverse side. Now, by lying down on the plywood, then pushing the rolling plywood underneath the car, you can get at the "innards" as easily as the professional mechanic.
If you like to be comfortable while you work, place an oblong piece of foam rubber inside an oversized shop or golf cap, so that your head will rest on its softness instead of on the hard plywood covered door.

Also, you can create a thick, soft pillow from a sponge rubber chair seat cut in half lengthwise. Glue the two pieces together, one on top of the other, then fasten both to one end of the door.
If you value your accessories, it's a good idea to make them theft-proof, and there's an easy way to do it. Fill the slots of the screws that keep the items attached to the car with ordinary solder.
If your license plate rattles distractingly inside its ornamental frame when the car is in motion, try edging it with ordinary colored adhesive tape. This won't be noticeable if you select a hue that matches that of the metal.
Make notes right on your car itself whenever something special happens to it, like a new paint job. Mark the color of the paint, the exact amount used and where it was purchased, right on the inside of the trunk lid, where the information can be seen quickly, but is in little danger of being obliterated. In this way it will be simple for you to get an exact match when a touch-up is needed.
A man's clean white sock comes in handy when traveling by car, if slipped over the baby bottle. This makes the bottle easier to hold while the car is in motion; the fabric keeps it warm for a longer period of time and accidental breakage results in far less damage if the bottle is encased, for there aren't any splinters of glass around.
A tube of brushless shaving cream and a package of paper handkerchiefs is more convenient than soap and water when car-riding with an infant. You just apply and wipe dry.

Visiting Lois

Alice Schultz, Chris Romps and I visited Lois White at Herman Keifer on August 11. We took many surprise packages from members of the Girls' Club and the Club received this "Thank You" note from her.
August 17, 1954—Hello Everybody: I certainly will be happy when November rolls around. At this time I should be able to come out to visit you all and thank you in person for remembering me with all the lovely gifts, especially those of you whom I have never had the pleasure of meeting. I didn't realize I had so many friends! Many thanks. Sincerely, Lois White.

Esther Stottle, President

MY FAVORITE PRAYER

Submitted to
The Laymen's National Committee
by
PAUL M. CLAPPER
Editor, the Louisville (Ohio) Herald

Dear Lord, help me to live this day quietly, easily; to lean upon Thy great strength trustfully, restfully; to wait for the unfolding of Thy will patiently, serenely; to meet others peacefully, joyously; to face tomorrow confidently, courageously.—Author Unknown.

Every employee has the opportunity to offer suggestions at General Motors. Why not write up YOUR idea? It could win \$2,500.00. NO IT NOW!!!

COMMUNITY SERVICES

HYDRA-MATIC SEEKS STORIES AND PICTURES OF EMPLOYEES ENGAGING IN COMMUNITY SERVICES IN THEIR HOME NEIGHBORHOODS. LET ALL EMPLOYEES KNOW THE WORTHWHILE THINGS YOU ARE DOING. JUST GET YOUR STORY TO YOUR EDITOR.

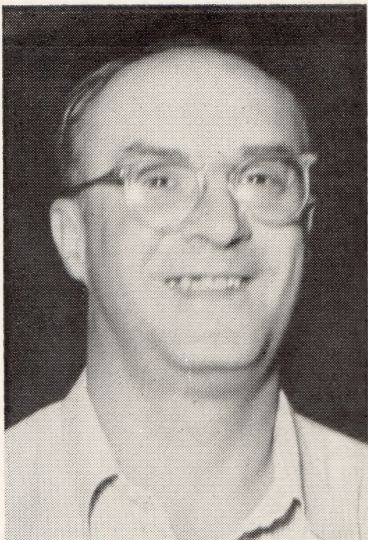
BIRTHDAY FOR BEA SWEETMAN



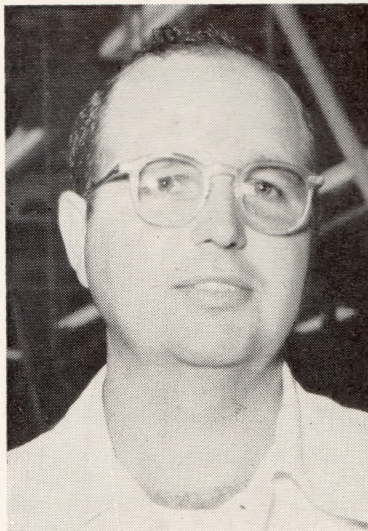
L to R: Margaret Sears, Helen Maxbauer, Clara Kales, Bernice Dougherty, Betta Kostamo, Rose Plagens, Mildred Cieniewski, Bea Sweetman and Pauline McDaniels.

Automobiles today contain more light bulbs than an average five-room home. Current models have an average of 20 lights, and some have as many as 38. There were only five or six lights in the average 1925 car, about 13 in the 1940 models and 16 in 1946 cars.





JOHN J. PRIEBE, 575-053, came up with 2 accepted ideas for a total award of \$122.49. Both ideas reduced the cost of certain-type chuck jaw inserts.



DALLAS GRIBBLE, 587-088, won \$96.80 for his idea on how to remove defective bearings from the Retainer.

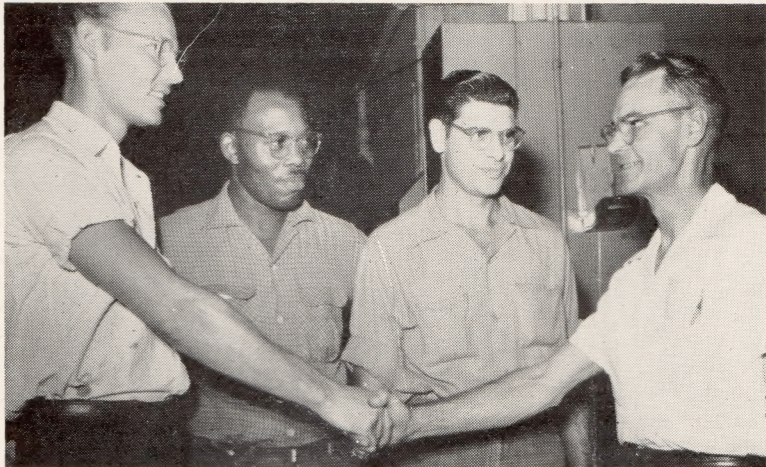


JOHN HALL, 509-041, Gear Division, won \$199.22 for his idea of replacing an expensive form tool with a lower-priced tool. The savings award was for two months of the year's savings.



On The Trail For NEW AWARDS

it's DOGGONE easy!



CLARENCE HELFRICH, 517-050, JOHN TALLEY, 517-049, WILLIE WILLIAMS, 517-064, all of the Case Division, came up with an idea of using a hard rubber rest pad to prevent the part "Input End Rear" from shifting in the fixture. Each received \$303.20 for this time-saving idea. Gerald Devore, foreman, congratulates the winners.

SUGGESTION AWARDS—MONTH OF JULY, 1954

GEAR DIVISION			
Name	Badge Number	Award	
D. L. Allen	502-421	\$ 50.00	Bond
Joney D. Conner	508-509	10.00	
Lillian DeNeve	508-701	20.00	
Charles Franklin	12-042	15.00	
John Hall	509-041	199.22	
Robert Holloway	503-114	56.80	
Arthur Kryszak	511-052	152.86	
Edward F. Nagy	508-442	15.00	
Henry Thomas	510-483	15.00	
CASE DIVISION			
Clarence Helfrich	517-050	303.20	
Harold Hromek	505-452	50.00	Bond
J. Kay	23-022	10.00	
J. Laquiere	23-021	10.00	
Thomas Patterson	23-544	15.00	
Tilly Schweitzer	505-710	25.00	Bond
Johnnie Talley	517-049	303.20	
Felix Wilczynski	515-045	15.00	
Willie Williams	517-064	303.20	
CONTROLS DIVISION			
George H. Opalicky	514-821	57.40	
David Thomas	522-1852	15.00	
ASSEMBLY DIVISION			
Beatrice Faucher	530-323	15.00	
INSPECTION DIVISION			
Averill R. Black	541-100	99.68	
Margaret Plummer	542-506	15.00	
William W. Welsh	544-057	15.00	
NON-PRODUCTIVE AND SALARY DEPARTMENTS			
Claude E. Brown	587-878	15.00	
Ray Colvin	591-208	1250.00	
Henry Fojtik	584-518	15.00	
R. W. Gatzka	575-052	15.00	
George E. Gosney	577-124	100.00	Bond
H. L. Huffstutter	587-088	96.80	
Richard Kalis	591-510	25.00	Bond
Andrew Klish	575-339	25.00	Bond
Thomas Pollard	576-437	90.24	
John J. Priebe	575-053	50.00	Bond
"	"	25.00	Bond
"	"	60.24	
Patrick A. Samson	591-067	62.25	
D. Sawka	576-443	100.00	Bond
Joseph A. Trachy	591-213	432.74	
		1250.00	

TOOL COST REDUCING IDEA



John Jacobs, left, is holding a group of salvaged cutting tools while Ted Zywczyk is packaging in order that they can be re-issued by Tool Stores for further production. Both are from department 576.

HYDRA-MATIC
YOU VIEW THIS SIGN
EVERY MORNING



CAN YOU SOLVE THIS ONE??

AWARDS for every right answer!!!!

PROBLEM—High tool usage at our Division MUST BE LOWERED.

On your job or on your neighbor's—there must be a way to do it.

If you think you have the answer—LET'S HAVE IT!! Turn it in on a suggestion blank NOW!!

If it works, you will benefit in AWARDS (either cash or bonds).

FIVE — TEN

(Continued from Page 6)

Happy birthday to the "Howdy Doodly" class; Gerald, son of John Berg, two on Oct. 10th; Bobby, son of Ursule Sosnowski, 5; William Lloyd, son of Bob Everhard, six on October 24th; and Thomas Martin, son of your columnist, 8 on October 24th.

Hearty welcome to John Podgurski, replacing Dick Laubernds, as job setter. Seeing Harold Marier, supervisor of the afternoon shift in 510 takes this reporter a long way back in D T D history. Who remembers Dept. No. 12A3? Harold has kept things going for the vacationing George Bugosh. Just a final note: Congratulations to my brother Harry and his wife Ruth, who celebrated their 13th wedding anniversary August 30th with their daughters Judy and Janet.

SPORTS AND RECREATIONS

DTD ARCHERS

In a short time the hunting season for deer and bear will be here says Herman Borke of the Traffic Dept. at D.T.D. when he and his son will be part of the 30,000 hunters to invade Michigan woods with bow and arrow.

The vacation was very exciting which he and his family spent at Lake Sunapee, N.H. where the National Field Archery Tournament was held July 12 through July 15 in which Mr. Borke and son Bob were two of the 607 contestants who came from all parts of the United States to compete in this archery tournament, the largest ever held. After the four days of shooting, Herman had taken 3rd place in the field and hunters round, 1st place in the broadhead and 2nd place aggregate score for the tournament in the Bowmen Class. Bob shot in the Jr. Boys' Class, 15 years and under, and took 3rd place in the field, 2nd place in the hunters and broadhead round and 2nd place for aggregate score. The youngest competitor was 7 and the oldest 74 years old.

Bob, who draws an arrow 28 inches pulls a bow of 31 lbs., started shooting less than two years ago, and his Dad, who draws an arrow 26 inches and pulls a bow of 35 lbs., has been shooting a little over a year.

Last winter Bob's team was nosed out of 2nd place by his Dad's team on the last night of the Indoor Archery League after 20 weeks of shooting at Krohn's Archery & Tackle Range in Ypsilanti where they learned the correct way to handle the bow and arrow. The Borkes live at 714 Oak Street, Ypsilanti.

The 1955 National Field Archery Tournament will be held at Ludington, Michigan.

Let's try and get an Archery League started this fall at D.T.D. It's a lot of fun!



Above: Son Bob, and his father Herman Borke, (Traffic Dept.) pull their bows preparatory to shooting arrows.

CENTER: Mother Irene and daughter Mary Lou (Purchasing Dept.) are great boosters of their son, brother and father.

BOTTOM: Recent medals and ribbons won as described in the article.

Roger Bernard Dies

Lester Alex (518-022) sent Hydra-Matic the notice of the sudden death September 17, at Flint, Mich. of Roger Bernard, who became famous as a featherweight boxer in the 1930s. Roger was with DTD in the early years of the division. His victories included decisions over Freddie Miller and Battling Battalino, World Feather-weight Champions; Barney Ross, Light-weight challenger; Tommy Bland, Canadian Light-weight Champion; and Kid Roy, Canadian

Feather-weight Champion.

Bernard held his standards high. He always kept in good condition and was always in there pitching. He held the respect of his opponents, managers and the general public.

Detroit Transmission Division was defeated twice in Mail Bag Circuit; Harrison Radiator-173, Detroit Transmission-26, Frigidaire-7, Detroit Transmission-26. Watch for scores on Cadillac Cleveland Tank Plant.

SOME OF THE DOG-GONEDEST THINGS!

Tie a kerchief around your head, put your coat on backward, carry a bag of laundry over your shoulder and walk up to your dog—but if you come from the down wind side, watch out that he doesn't bite you before he gets your scent.

Canine eyes are poor at distinguishing detail, although they can see shape and movement at a great distance. And a dog may not recognize even his own master in clothes that drastically change his silhouette.

But if you didn't know this about your dog, don't feel badly. In spite of the fact that 41 percent of the nation's families own dogs, there are many little known facts about them.

For instance, your estimate of your puppy's life expectancy may be way off. Not only do the life spans of different breeds vary considerably, but the average for all dogs is increasing every year. Today's well-fed pup lives much longer than his grandfather and probably twice as long as the dogs of a hundred years ago that were dependent on hunting for much of their food.

And if you think that modern civilization is causing dogs to have bad teeth, you are subscribing to a popular belief—and one that couldn't be more wrong.

A major cause of death among dogs fifty years ago was malnutrition brought about by inability to chew food—often at an age of only six or eight years. The reason dogs lost their teeth was because of the lack of needed elements in their food, plus a tendency to gnaw too many bones.

A well-fed dog today has no more need for a bone than does a well-fed human.

Dogs do need many other ingredients besides meat, however. A dog fed exclusively on good lean meat, raw or cooked, will soon be suffering from malnutrition.

How did dogs live in the wild state? They got through their shorter life spans by eating not only the flesh of the animals they caught, but the bones, along with the grain and grass that was already in their victims' stomachs.

And what about the popular idea that every dog will instinctively balance his own diet if the needed elements are available to him?

This is not so. A dog eats the things he likes and leaves the things he doesn't like, just as a child does. Offered fresh meat, cereal, cod liver oil, minerals, vitamins and bone meal, for instance he may select only the meat and destroy his health, even though eating the other ingredients would give him a reasonably balanced diet. Only by thoroughly mixing the needed ingredients in the correct proportions, or buying a ready-mixed commercial food can the dog owner really be sure his pet is well nourished.

And did you know that your dog is presumably color blind, or nearly so?

While there is some conflicting research on this subject, it seems to be pretty well established today that dogs distinguish shades but not colors.

Perhaps you didn't know that there is very little chance of your dog catching cold when you give him a bath—though there are other good reasons for not bathing him too frequently. Because a dog's sweat glands are inactive, getting wet isn't apt to give him a chill. The shivering you may have noticed is often just nervousness. If he seems to have the sniffles after a bath, it is probable that you got some soap in his nose.

However, because instead of sweat glands, he has oil glands designed to keep his skin and hair soft and pliable, too frequent washing, particularly with warm water and soap, will remove the oil and leave the skin dry and itchy, as well as taking the sheen from his coat.

But even if you know all these things, you probably won't impress your dog half as much as you will impress your friends.

You probably won't ever know as much about your dog as he knows about you.

Plant Paper Services

HUNTING & FISHING

"Every fish caught in the U. S. costs the fisherman \$5," says a recent survey. There are some 17 million licensed anglers—all of whom require more or less fancy equipment, transportation and what not. It becomes clear why a lot of advertisers catch a lot of fishermen's dollars.

Sports and recreation today attract three times as many consumer dollars as they did in 1940. The Department of Commerce says that money spent for spectator or sitting-down sports declined between 1948 and 1952 from \$1.8 to \$1.6 million. Meanwhile money spent for participation or active sports climbed from \$6.1 to \$7.6 billion. Presumably, the other \$2.8 of the \$12 billion goes into transportation, beer and hot dogs.

Hunters spend \$73 for every deer shot in Vermont. Today there are five million golfers and boat owners, more than two million skiers, 15 million plus bowlers. Between 1949 and 1952, expenditures for boats and pleasure aircraft are estimated to have gone up from \$51 to \$79 million; of "wheel goods, durable toys and sports equipment" from \$651 to \$790 million; non-durable toys and sports supplies, from \$1,017 to \$1,284 billion. For such diversions as billiards, bowling, riding horseback, swimming, playing and learning to play golf, and operating private planes, Americans pay out annually \$400 million.

(SALES MANAGEMENT)

ATTENTION ALL HUNTERS!

Now that the hunting season is in full swing follow the primary rules of safe hunting. Faithful adherence to essentials will prevent accidents and make this time-honored sport safer and more enjoyable for everyone.

• Know Your Gun

Be sure your gun and ammunition are in good condition. Sight-in the gun before hunting with it. Learn to be a good sport.

• Handle Your Gun Properly

Treat every gun as if it were loaded. Always point the muzzle in a safe direction. Be sure of your target. Keep your finger out of the trigger guard until ready to fire. Practice self-control. Open the action and unload any gun which is not in use. Store guns in a safe place.

• Fulfill Your Responsibilities As a Safe Hunter

Follow the rules of safe hunting. Learn to identify game. Know and observe the game laws. Be courteous and promote friendly hunter-farmer relations. Insist that your companions be safe hunters.

Plant Paper Services

BETTER BABY PICTURES

Your baby is without a doubt the most popular of all home picture subjects, and therefore, deserving of your best camera efforts.

Taking really good pictures is easy when you use a flash gun on your camera and follow him into familiar corners to take the pictures.

Backgrounds are important. If the setting doesn't help tell a story, choose as neutral a one as is shown in the illustration. In fact, keep everything around the baby as plain as possible so that he'll stand out.

Move in as close as your camera will let you so the youngster takes up nearly all the viewfinder. He's awfully small and if you back up too much you'll lose him. Most box cameras won't let you shoot closer than six feet, but you can add an inexpensive little close-up attachment to the lens and then move to within 3½ feet. Use a tape measure if you're not sure of the distance.

When you are shooting with flash at close quarters, it is a good idea to slip a guard over the flash bulb reflector. You can buy a commercially made transparent flash guard, or use a plastic vegetable bag. Even a thin piece of cloth over the reflector will protect your child in case of a bulb failure. It also defuses the light and makes a more pleasing picture.

Always ask some other member of the family to help you. Let him or her serve as baby charmer while you concentrate on watching your subject in the viewfinder. Favorite toys suddenly presented, interesting noises, or other props and sound effects from the sidelines will be a big help in producing an expression you'll want to keep forever.

Most inexpensive cameras can use "fast flash" bulbs (1/200th second). This means that you can "stop" any of the baby's normal actions without a blur, so don't try to make him stay absolutely still.

Eastman Kodak

PORTRAITS BELONG IN THE HOME



Pictures in the kitchen—almost! An attractive dinette becomes a gay picture gallery. Portraits are mounted on a panelled cupboard, and the collection can be added to as new portraits are made. To mount portraits in this manner apply a coat of rubber cement to the area on the cupboard where the picture will go, then apply a coat of rubber cement to the back of the picture. Allow the adhesive to dry, and apply the portrait to the wall. Or you may want to apply the portraits with colored push pins so they can be interchanged. For protection, apply a spray of plastic to the portraits.

DEPARTMENT CELEBRATES ARRIVAL OF TWINS



Edward Wisniewski models some of the items which his fellow workers in Dept. 522 A2 presented to him for his new twin daughters, Sandra Sue and Shiella Lou, born August 17. His wife Gertrude has her hands full.

CONGRATULATIONS

July 31—To: Mr. and Mrs. James A. Willett, a daughter, Debora Louise. Wt. 5 lbs. 11 oz. Jim is in Dept. 518A 2. Deborah is their fifth child.

FOR SALE

DOUBLE BARREL shot gun 20 gauge—carrying case, \$40.00. Both almost new. James Dunn (Dept. 520-063) 518 Pearl St., Ypsilanti YPS 9148.

1952 NASH Rambler Custom Station Wagon. R & H, Turn Signals, W. W. tires, 25,000 Miles. Will accept 1946-48 car as trade-in. G.E. automatic washer—good condition. Cheap. Pete (Dept. 505 A2) 2nd shift sleeve line. 3049 N. Prospect, Ypsilanti.

GARDEN CITY, 31014 Sheridan Ave., 3 bedroom, large rooms, tile features, carpeting, full block basement, oil f.a. heat, auto. hot water, comb. storms, 1½ garage, fenced yard, metal awnings, nicely landscaped. MUST SELL, Transferred! Priced for quick sale! Middlebelt 7304—Clarence O. Muhme (577-919).

1948-CHEVROLET business coupe. 44,000 actual miles. New rubber and many other parts. \$249.99. Will not take older car in trade. "Honest Mike" Sturgis. Ext. 449.

RIDERS WANTED

DAY SHIFT 7:00-3:30. Vicinity of Fort Street and Goddard and Dix Roads. Jack Barlow—Dept. 506.

FROM VICINITY Harper & Gratiot or Van Dyke. Insured dependable transportation. 7 A.M.-3:30 P.M. shift. WA 4-8817.

FROM 6 MILE and Woodward area on 4 P.M.-12:30 A.M. shift. Ext. 369 or 521 or Phone TU 3-3446.

RIDE WANTED

VICINITY—INKSTER RD. between Cherry Hill & Michigan, 8:00 A.M. to 4:30 P.M. Shift. Ethel Dunn, Ext. 7167, Personnel Building. Home phone —Logan 3-6214.

Stan Chatfield, Sup't of Standards, loaned his prize fishing pole to his "kids" to go fishing alone. They promptly let it slip overboard in the lake where they were vacationing. Everyone concerned felt "terrible" and the "kids" began taking inventory of their joint finances in order to buy "dad" a new pole. Stan took another pole the next day and "just went fishing". To his great surprise and to everyone's great delight, he hooked and pulled in his prize pole that the kids had lost . . . a happy ending!



"Last one out's a rotten egg!"

COOLNESS



Cool as iced lemonade are these air-conditioned cotton gloves. They are crocheted in a simple openwork mesh design with stripes of solid blocks for trim. You'll wear them all through the hot summer. A direction leaflet, No. PC 7411, is available to you, free of charge at Hydra-Matic office.

Alcoholics Anonymous

Meet weekly—Thursday P.M.
Contact—Dr. Eadie,
Medical Department.

HELEN'S BIRTHDAY PARTY



L to R: Mary Kus, Gertrude Furtak, Irene Bruski, Gertrude Newman, Bernice Wasilenko, Helen Weinberg, Sophia Spotek, Irene Brooks, Martha Smith and Monica Mergless.



BRING IN YOUR PHOTOS TO HYDRA-MATIC

MR. AND. MRS.



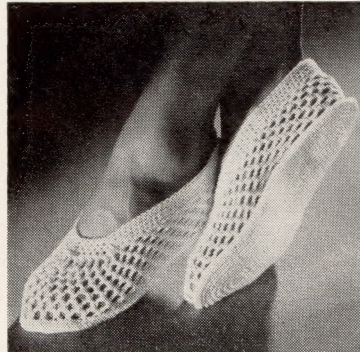
Betty and Oliver Morgan (both of Dept. 590)

HOT WEATHER HAT



Hat styles change, but the flattering pillbox goes on forever. Here's a summer version in a new and exciting pattern. The crown is done in an intricate-looking open pattern through which red taffeta lining shows. A red ribbon trim extends 1/2" below the headband and picks up the color of the lining. Direction leaflet No. PC 8060, may be obtained free of charge at Hydra-Matic office.

COMFORT — PLUS



You need only a minimum of time to get the maximum of enjoyment out of crocheting these bright white open mesh slippers. When made with the new double-thick mercerized crocheting thread, they will work up quickly. This full-bodied cotton eliminates the necessity for an inner sole and makes washing easy. Direction leaflet No. S-432 is available free of charge at Hydra-Matic office.



"WITH THE TIGERS"



Mark Mitchell, 5-year-old son of Herb "Platt" Swieczkowski (Dept. 584).

HYDRA-STATIC

An old mountaineer and his son were sitting in front of the fire smoking their pipes, crossing and uncrossing their legs. After a long period of silence, the father said, "Son, step outside and see if it's raining."

Without looking up, the son answered, "Aw, Pop, why don't we just call in the dog and see if he's wet?"

Two fellows were discussing the vicissitudes of henpecked husbands, when one of them said:

"But let me tell you: I'm boss at my house. Why, last night I found there was no hot water and, boy!, did I raise the roof! I stormed out at my wife that I wanted hot water, and I wanted it in a hurry, and I didn't mean maybe. I got hot water, too, but fast." There was a pause, then he added, "I hate to wash dishes in cold water, don't you?"



"This is one company picnic where we're going to have some privacy!"

Every morning the car used to stop outside the gates of the state asylum. Inside the fence one of the inmates who imagined himself a pitcher would be going through elaborate wind-up and pitching motions, using an imaginary ball. After studying him for awhile the driver of the car, a well dressed businessman, would leave. After a few days of this the gatekeeper asked him, "Pardon me, sir, but why do you come here each day and study that poor fellow?"

"Well," answered the man in the car, "if things continue the way they are in my business, I'll be in there some day catching for that fellow and I want to get on to his curves."



"When the spinach is gone, I'll be back—and that's final!"

While the preacher was going to town against all kinds of sin, Aunt Lucy punctuated his sermon frequently, "Amen" and "That's right!"

After he had taken care of drinking, gambling, lying, domestic infidelity, etc., he opened up on petty gossip. It was then Aunt Lucy muttered: "Huh! Now he's quit preachin' and started meddlin'."

Over a cup of tea Mrs. McBride and Mrs. Callahan were discussing their sons in Korea.

"Mike writes he's been in the hospital but is getting around with a jeep . . . whatever that is," said Mrs. McBride.

"Why, it's an automobile," replied her friend.

"Glory be," said Mrs. McBride, "and I was thinking it was a female Jap."